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Total Number of Pages in This Submission

10

Application Number

10/668,843

Filing Date

September 22, 2003

First Named Inventor

Michael JOHNSON, et al.

Art Unit

3729

Examiner Name

Roy Dean Gibson

Attorney Docket Number

0B-045100US / 82410.0065

### ENCLOSURES (Check all that apply)

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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Wiley Rein & Fielding LLP		
Signature	<i>Floyd B. Chapman</i>		
Printed name	Floyd B. Chapman		
Date	January 10, 2007	Reg. No.	40,555

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**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/668,843 Confirmation No.: 4980  
Applicant : Michael JOHNSON, et al.  
Filed : September 22, 2003  
Title : MEDICAL DEVICE HAVING INTEGRAL TRACES AND  
FORMED ELECTRODES  
TC/A.U. : 3739  
Examiner : Roy Dean Gibson  
Docket No. : 0B-045100US / 82410.0065  
Customer No. : 55962

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

**AMENDMENT AND RESPONSE TO OFFICE ACTION DATED 10/10/2006**

Applicants are responding to the Office action dated 10/10/06. In light of the amendments and remarks below, Applicants submit that the application is in condition for allowance and respectfully request reconsideration.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 9 of this paper.